

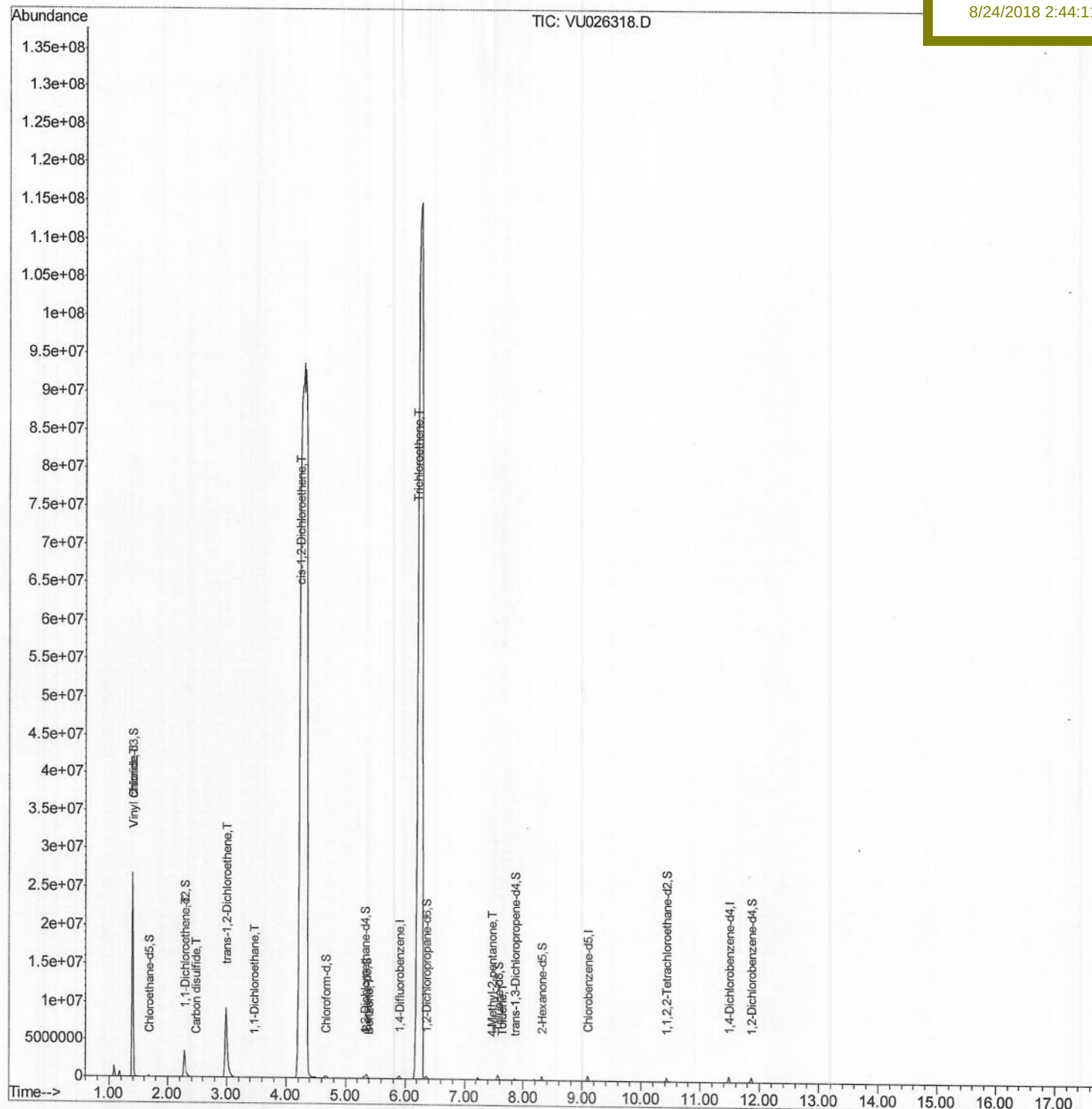
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082318\
Data File : VU026318.D
Acq On : 23 Aug 2018 22:56
Operator : MD/SY
Sample : J4622-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Aug 28 14:05:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 24 02:06:29 2018
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
ETBJ3

Manual Integrations
APPROVED

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Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082318\

Data File : VU026318.D

Acq On : 23 Aug 2018 22:56

Operator : MD/SY

Sample : J4622-03

Misc : 5.0mL/MSVOA U/WATER

ALS Vial : 33 Sample Multiplier: 1

Quant Time: Aug 24 02:08:54 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M

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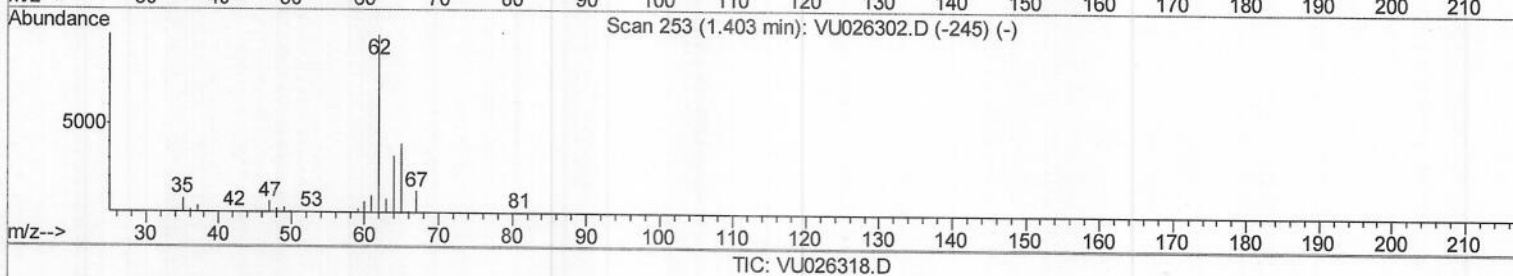
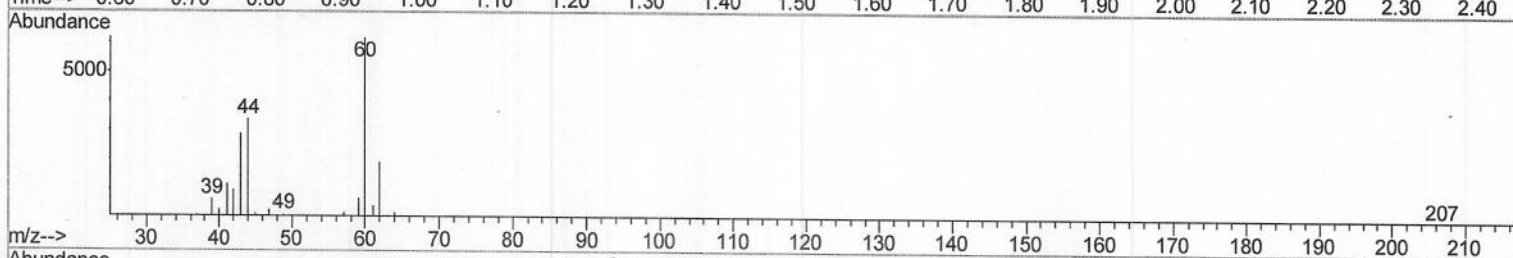
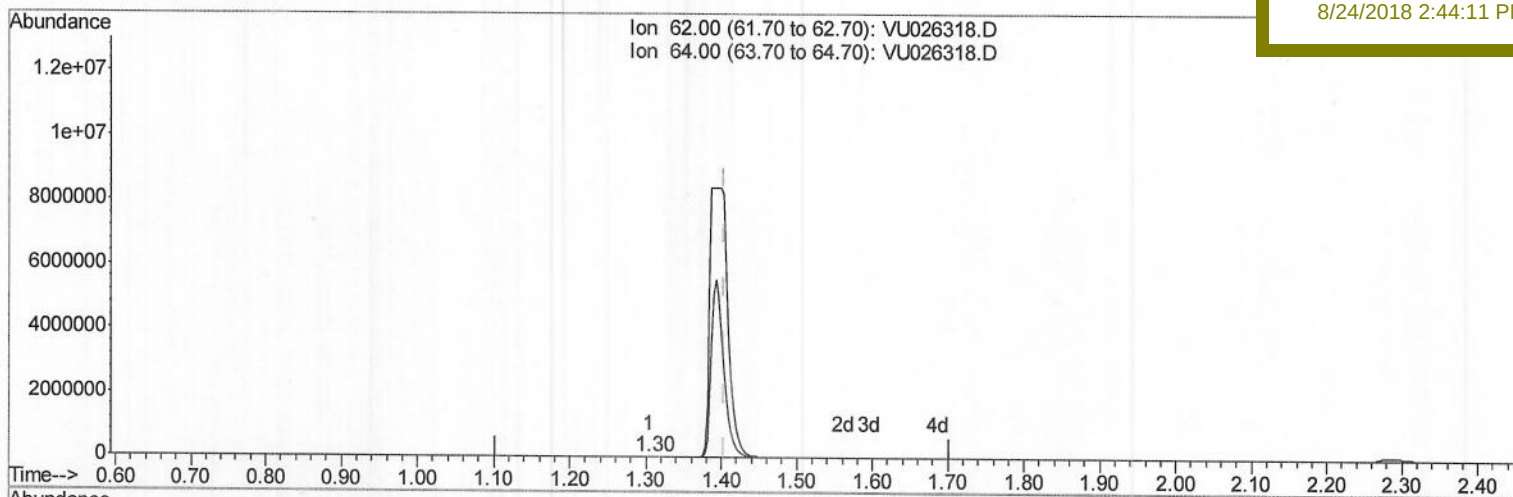
ClientSampleId :

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TIC: VU026318.D

(5) Vinyl chloride (T)

1.304min (-0.099) 0.76ug/L

response 2075

Ion	Exp%	Act%
62.00	100	100
64.00	34.60	11.99#
0.00	0.00	0.00
0.00	0.00	0.00

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Misc : 5.0mL/MSVOA U/WATER

ALS Vial : 33 Sample Multiplier: 1

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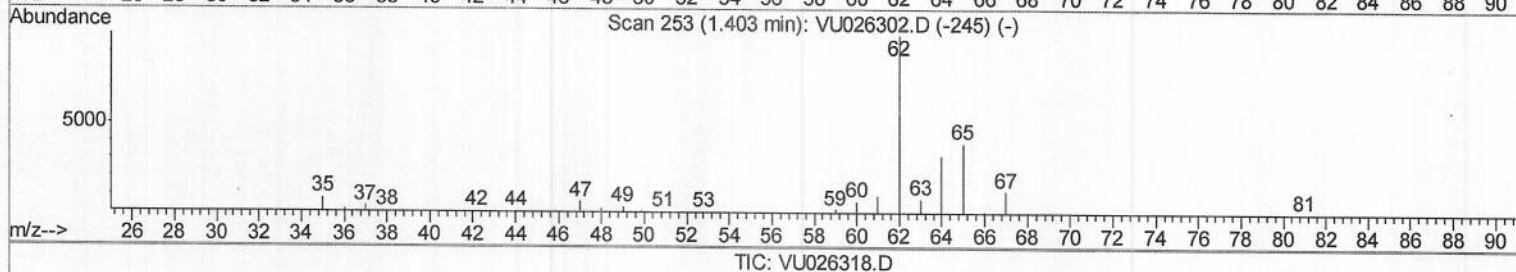
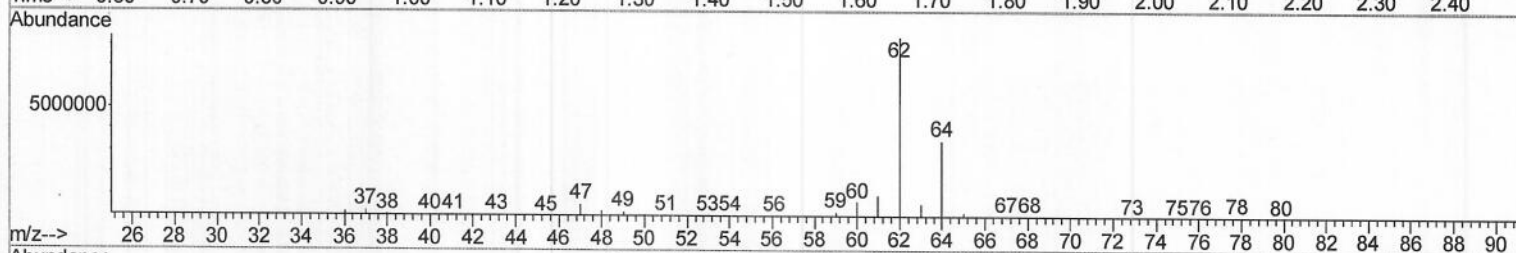
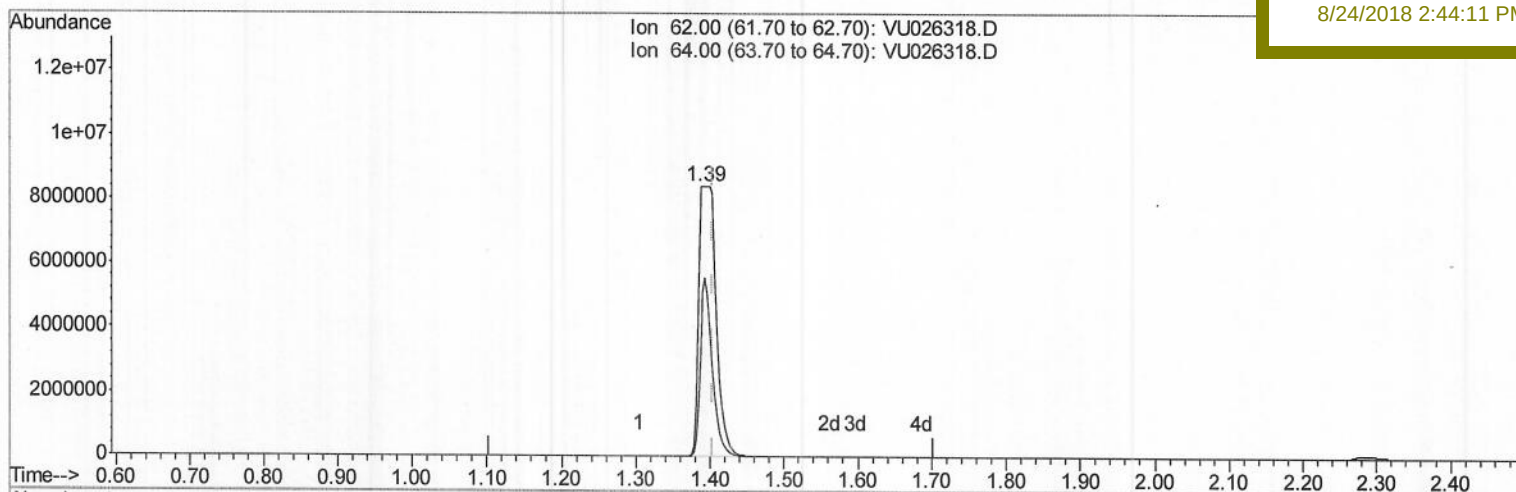
ClientSampleId :

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Manual Integrations
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(5) Vinyl chloride (T)

1.388min (-0.016) 5149.45ug/L m) MD08/30/18

response 14018049

Ion	Exp%	Act%
62.00	100	100
64.00	34.60	41.98
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082318\

Data File : VU026318.D

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Sample : J4622-03

Misc : 5.0mL/MSVOA U/WATER

ALS Vial : 33 Sample Multiplier: 1

Quant Time: Aug 24 02:08:54 2018

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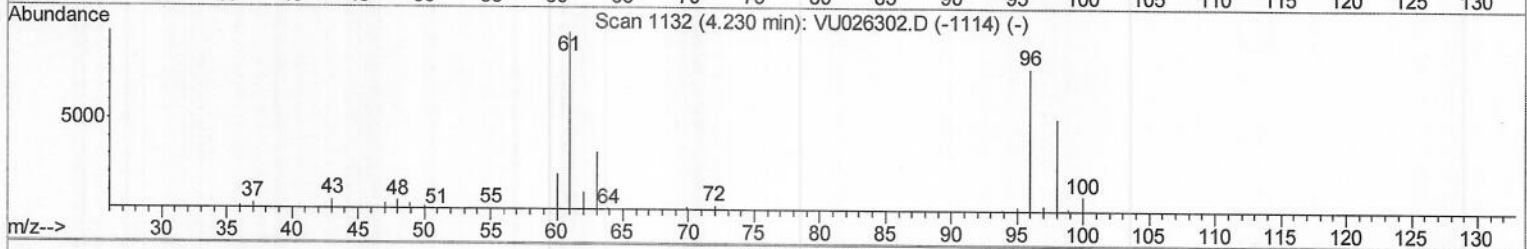
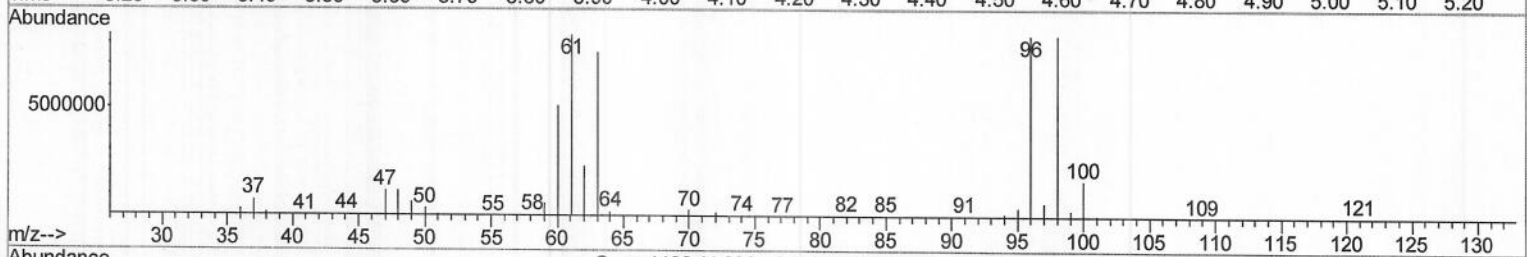
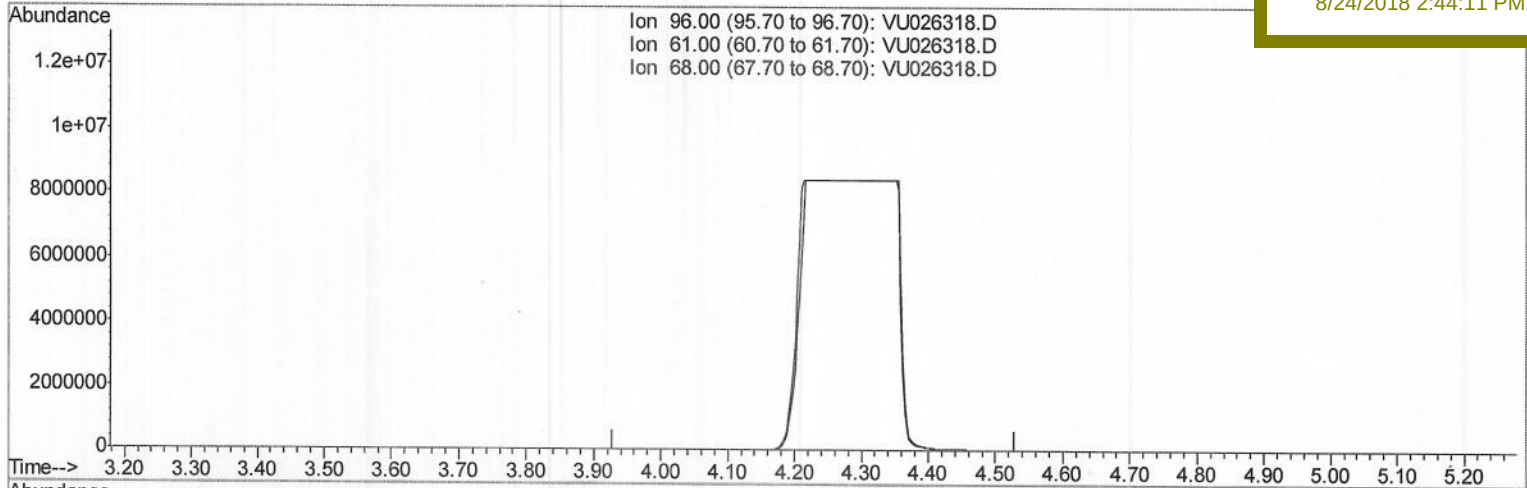
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TIC: VU026318.D

(20) cis-1,2-Dichloroethene (T)

4.230min (-4.230) 0.00ug/L

response 0

Ion	Exp%	Act%
96.00	100	0.00
61.00	129.00	0.00#
68.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082318\

Data File : VU026318.D

Acq On : 23 Aug 2018 22:56

Operator : MD/SY

Sample : J4622-03

Misc : 5.0mL/MSVOA U/WATER

ALS Vial : 33 Sample Multiplier: 1

Quant Time: Aug 24 02:08:54 2018

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Quant Title : VOC Analysis

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Instrument :

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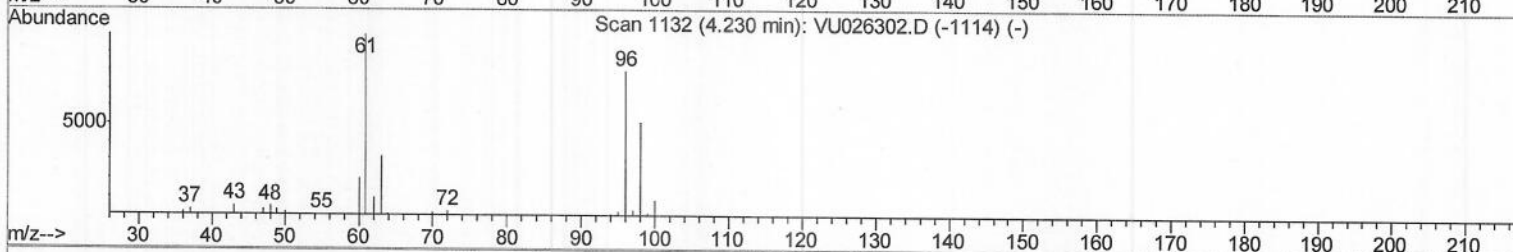
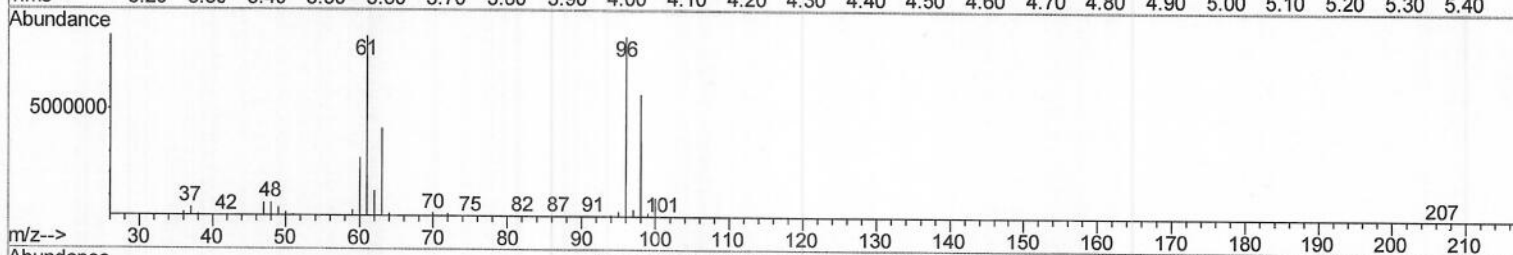
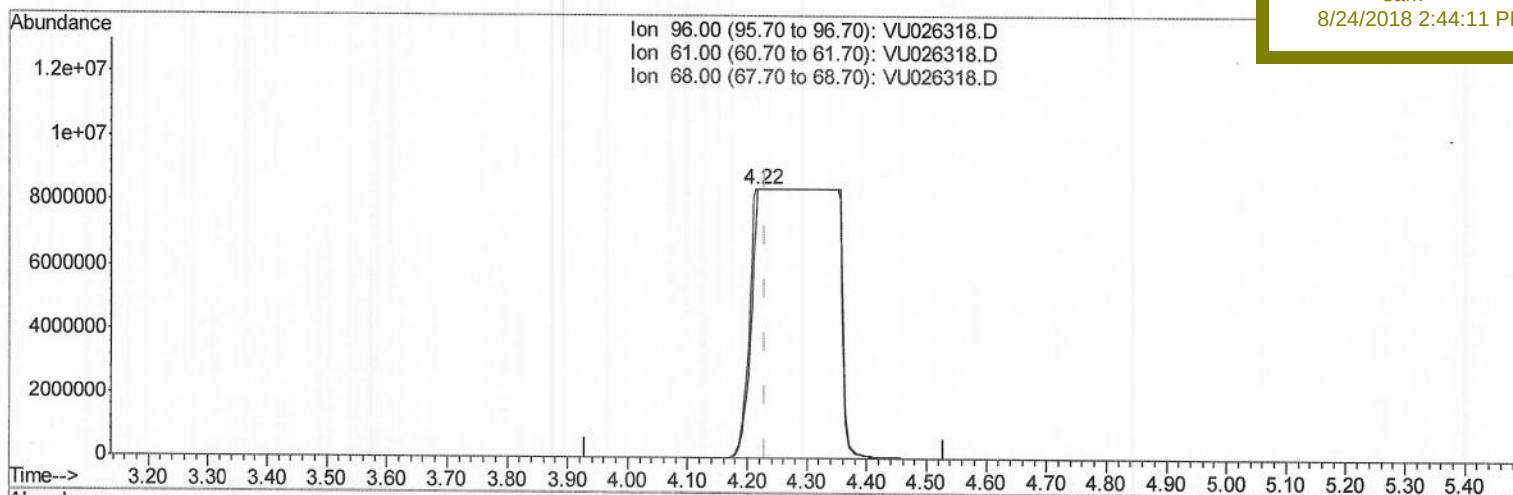
ClientSampleId :

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(20) cis-1,2-Dichloroethene (T)

4.217min (-0.013) 29561.74ug/L m) M08/30/18

response 79005578

Ion	Exp%	Act%
96.00	100	100
61.00	129.00	100.00
68.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082318\

Data File : VU026318.D

Acq On : 23 Aug 2018 22:56

Operator : MD/SY

Sample : J4622-03

Misc : 5.0mL/MSVOA U/WATER

ALS Vial : 33 Sample Multiplier: 1

Quant Time: Aug 24 02:08:54 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M

Quant Title : VOC Analysis

QLast Update : Fri Aug 24 02:06:29 2018

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Instrument :

MSVOA_U

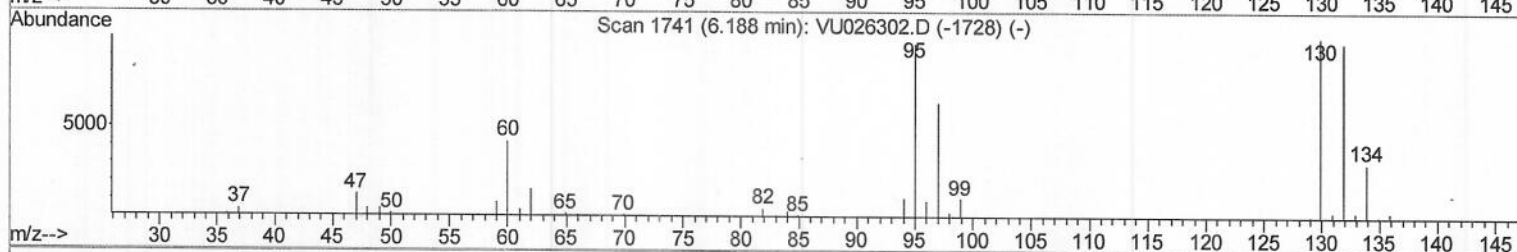
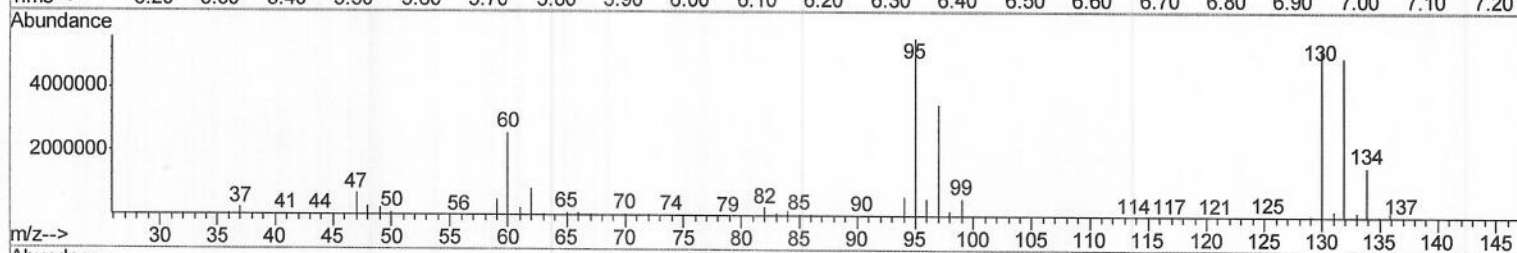
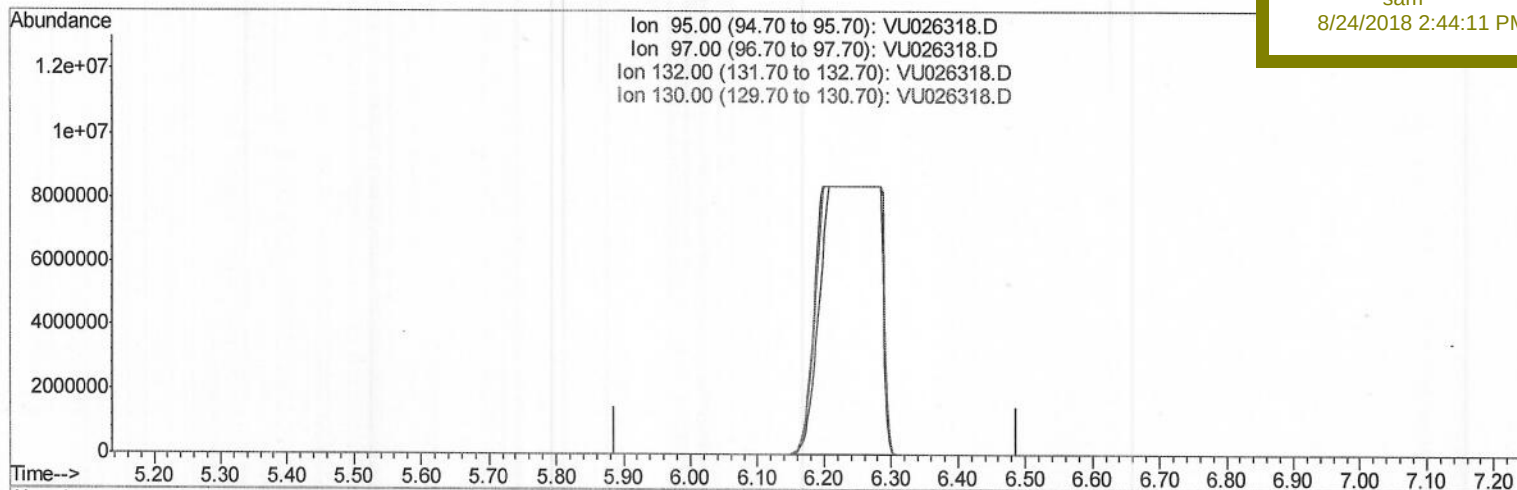
ClientSampleId :

ETBJ3

Manual Integrations
APPROVED

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TIC: VU026318.D

(34) Trichloroethene (T)

6.188min (-6.188) 0.00ug/L

response 0

Ion	Exp%	Act%
95.00	100	0.00
97.00	67.40	0.00#
132.00	100.30	0.00#
130.00	104.90	0.00#

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082318\

Data File : VU026318.D

Acq On : 23 Aug 2018 22:56

Operator : MD/SY

Sample : J4622-03

Misc : 5.0mL/MSVOA U/WATER

ALS Vial : 33 Sample Multiplier: 1

Quant Time: Aug 24 02:08:54 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M

Quant Title : VOC Analysis

QLast Update : Fri Aug 24 02:06:29 2018

Response via : Initial Calibration

Instrument :

MSVOA_U

ClientSampleId :

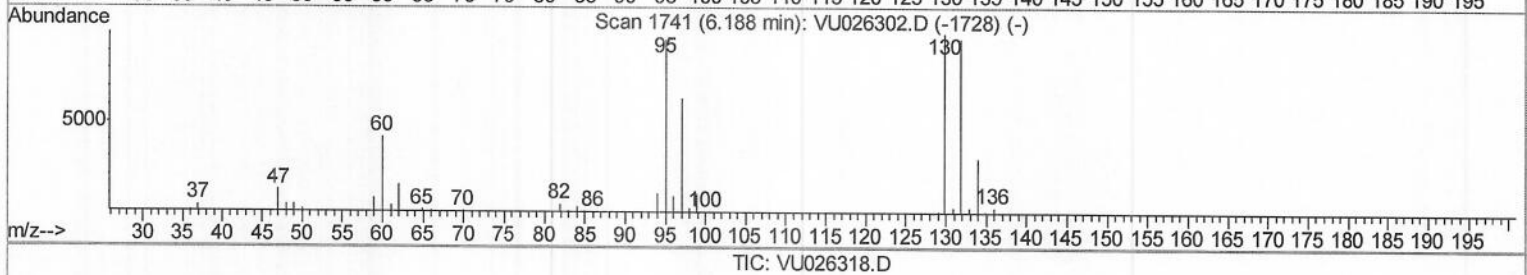
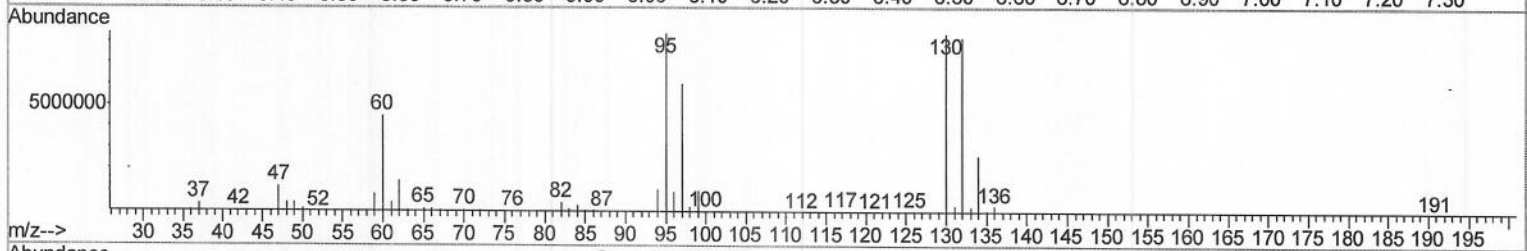
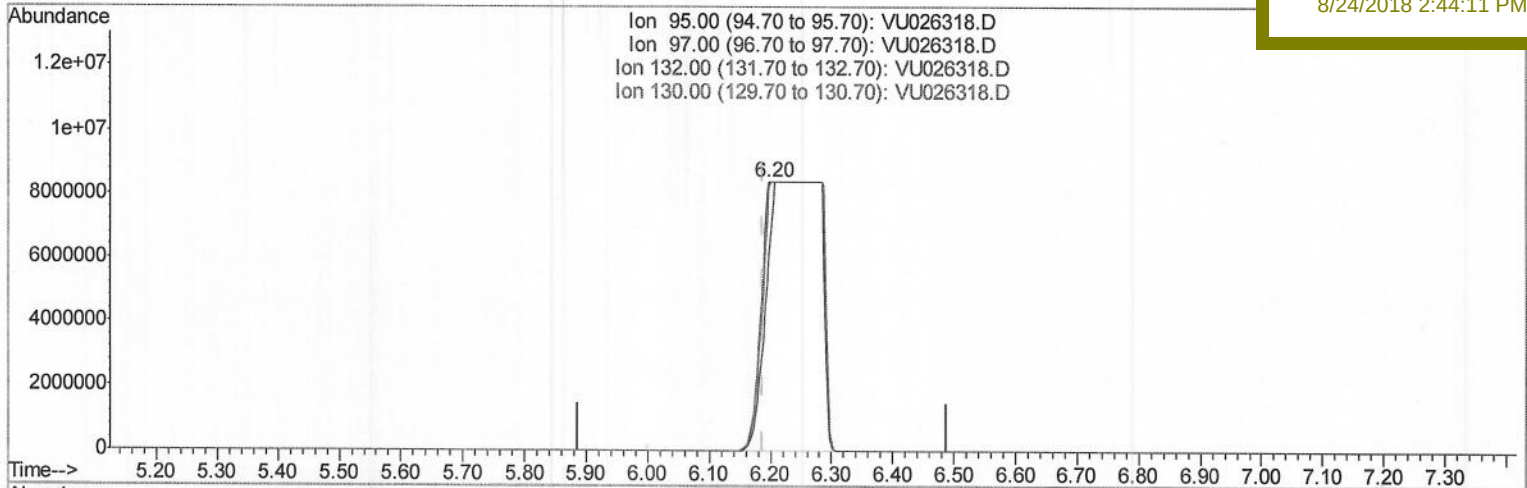
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Manual Integrations

APPROVED

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TIC: VU026318.D

(34) Trichloroethene (T)

6.198min (+0.010) 21071.67ug/L m) MD08/30/18

response 54855024

Ion	Exp%	Act%
95.00	100	100
97.00	67.40	71.98
132.00	100.30	98.27
130.00	104.90	100.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082318\
Quantitation Report (Qedit)

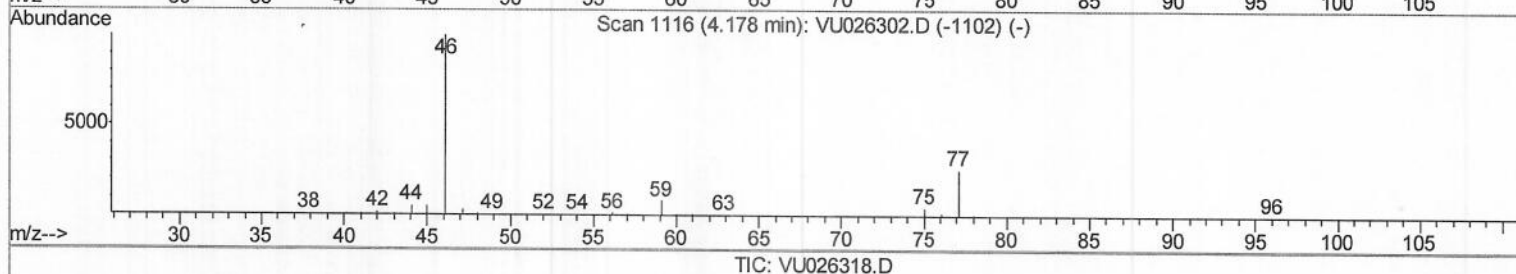
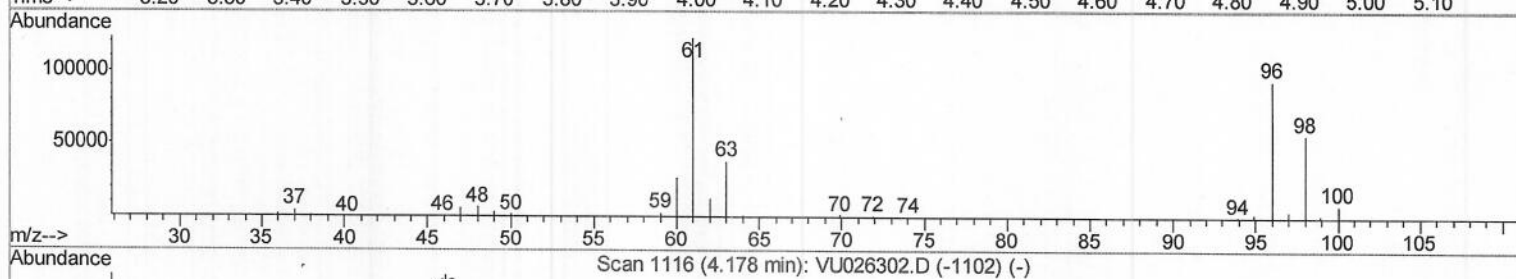
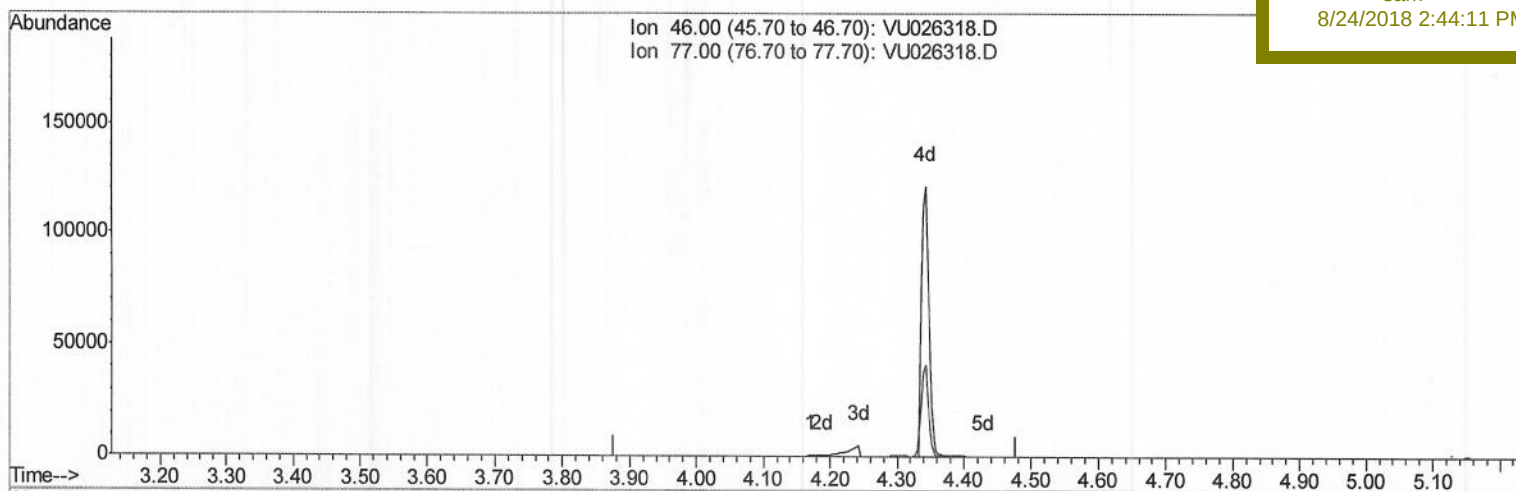
Data File : VU026318.D
Acq On : 23 Aug 2018 22:56
Operator : MD/SY
Sample : J4622-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Aug 28 14:05:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 24 02:06:29 2018
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
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Manual Integrations
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TIC: VU026318.D

(21) 2-Butanone-d5 (S)

4.178min (-4.178) 0.00ug/L d

response 0

Ion	Exp%	Act%
46.00	100	0.00
77.00	24.80	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082318\
Quantitation Report (Qedit)

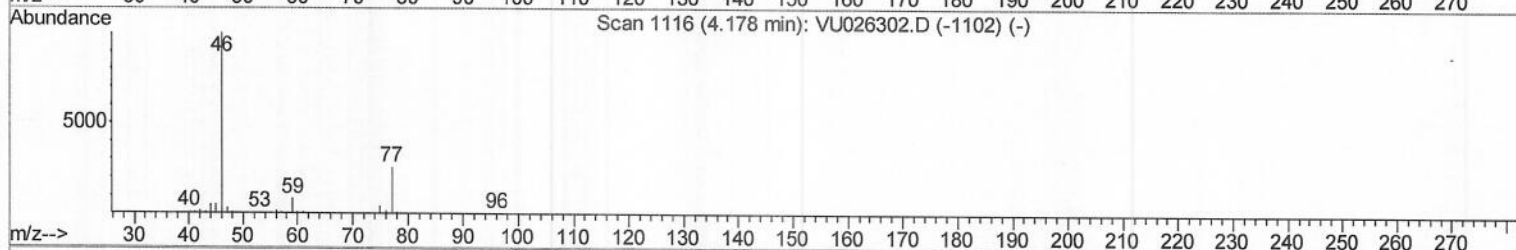
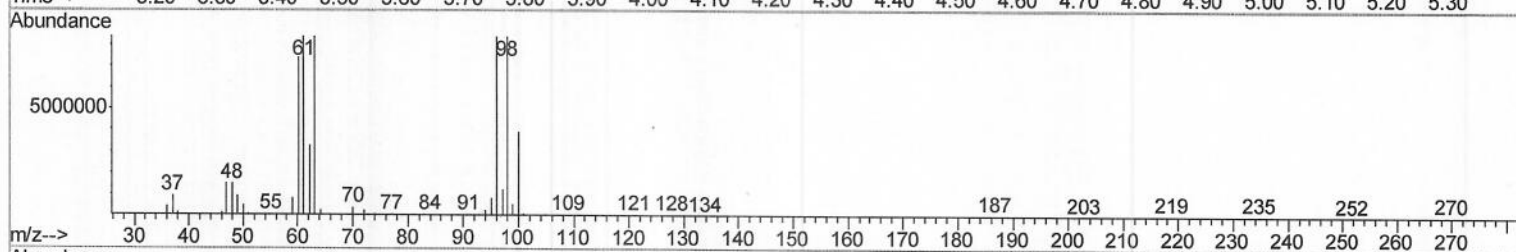
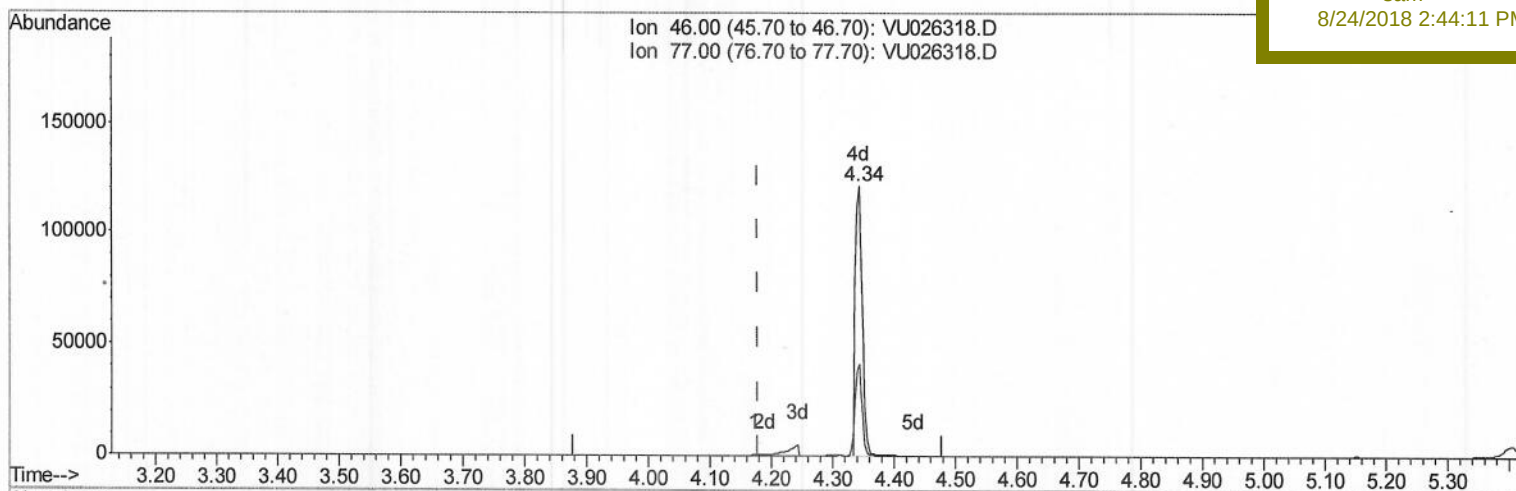
Data File : VU026318.D
Acq On : 23 Aug 2018 22:56
Operator : MD/SY
Sample : J4622-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Aug 28 14:05:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 24 02:06:29 2018
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
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Manual Integrations
APPROVED

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TIC: VU026318.D

(21) 2-Butanone-d5 (S)

4.342min (+0.164) 52.70ug/L m > MD08130118

response 95748

Ion	Exp%	Act%
46.00	100	100
77.00	24.80	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082318\

Quantitation Report (QT/LSC Reviewed)

Data File : VU026318.D

Acq On : 23 Aug 2018 22:56

Operator : MD/SY

Sample : J4622-03

Misc : 5.0mL/MSVOA_U/WATER

ALS Vial : 33 Sample Multiplier: 1

Quant Time: Aug 30 06:40:07 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M

Quant Title : VOC Analysis

QLast Update : Fri Aug 24 02:06:29 2018

Response via : Initial Calibration

Instrument :

MSVOA_U

ClientSampleId :

ETBJ3

Manual Integrations

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.90	114	373217	50.00	ug/L	0.01
28) Chlorobenzene-d5	9.09	117	361109	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	178054	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	229570	100.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	201.70%#
7) Chloroethane-d5	1.68	69	78065	42.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.10%
11) 1,1-Dichloroethene-d2	2.28	63	932695	208.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	416.92%#
21) 2-Butanone-d5	4.34	46	95748m	52.70	ug/L	0.16
Spiked Amount	100.000	Range	40 - 130	Recovery	=	52.70%
24) Chloroform-d	4.67	84	229255	45.18	ug/L	0.02
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.36%
26) 1,2-Dichloroethane-d4	5.32	65	151011	45.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.46%
32) Benzene-d6	5.36	84	461169	47.74	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.48%
36) 1,2-Dichloropropane-d6	6.36	67	155260	50.05	ug/L	0.03
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.10%
41) Toluene-d8	7.57	98	428367	46.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.78%
43) trans-1,3-Dichloropropene-	7.85	79	74994	46.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.58%
47) 2-Hexanone-d5	8.31	63	140893	106.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.28%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	203863	44.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.82%
64) 1,2-Dichlorobenzene-d4	11.86	152	168840	44.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.38%

Target Compounds

					Qvalue
5) Vinyl chloride	1.39	62	14018049m	5149.450	ug/L
12) 1,1-Dichloroethene	2.28	96	1438034	732.081	ug/L # 71
14) Carbon disulfide	2.48	76	20901	2.774	ug/L 98
17) trans-1,2-Dichloroethene	2.99	96	5306043	2191.473	ug/L 100
19) 1,1-Dichloroethane	3.46	63	37145	8.425	ug/L 100
20) cis-1,2-Dichloroethene	4.22	96	79005578m	29561.741	ug/L
33) Benzene	5.40	78	43017	4.370	ug/L 100
34) Trichloroethene	6.20	95	54855024m	21071.672	ug/L
40) 4-Methyl-2-pentanone	7.47	43	4926	1.445	ug/L 98
42) Toluene	7.64	91	44415	4.240	ug/L 96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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